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In the Claims:

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Claims 1 to 15 (Canceled).

1 16. (Currently amended) Method for the production of a
2 semifinished product (10) of composite material, comprising
3 a coating step in which high tensile strength fibers are
4 coated with titanium or a titanium based alloy to form a
5 coating on the fibers in a reactive atmosphere containing
6 a reactive gas, and a consolidating step in which the
7 coated fibers [[and]] are then consolidated under pressure
8 at high temperature to form the semifinished product (10),
9 characterized in that in connection with the coating of
10 during the coating step of coating the high tensile
11 strength fibers (12) with the titanium or the titanium
12 based alloy, alloy in the reactive atmosphere, atoms of the
13 reactive gas are introduced into and react with the
14 titanium or the titanium based alloy to form ceramic
15 particles (13) [[are]] embedded in the coating of the
16 fibers, and then during the consolidating step the thusly
17 coated fibers are arranged in a desired geometry and
18 consolidated to form the semifinished product.

Claim 17 (Canceled).

1 18. (Currently amended) Method according to claim 17,
2 characterized in that the coating of the high tensile

3 strength fibers (12) with titanium or the titanium based
4 alloy is carried out under reactive atmosphere is a
5 nitrogen atmosphere as the reactive atmosphere, whereby
6 nitrogen atoms together react with titanium particles or
7 particles of the titanium based alloy to form and deposit
8 the ceramic particles (13) into the coating.

1 19. (Previously presented) Method according to claim 18,
2 characterized in that the ceramic particles (13) comprise
3 particles of titanium nitrides that are deposited into the
4 coating.

1 20. (Currently amended) Method according to claim 16,
2 characterized in that the coating step is carried out as
3 PVD coating.

1 21. (Previously presented) Method according to claim 20,
2 wherein the PVD coating comprises sputtering.

1 22. (New) A method of making a product of a composite material,
2 comprising the steps:

- 3 a) providing fibers;
- 4 b) coating said fibers with a coat of a titanium-based
- 5 matrix material containing titanium to produce coated
- 6 fibers, by carrying out a matrix material deposition
- 7 process in an atmosphere containing a reactive gas,
- 8 such that first atoms of said reactive gas are

9 introduced from said atmosphere into said coat of said
10 titanium-based matrix material during said deposition
11 process;

- 12 c) reacting said first atoms of said reactive gas in said
13 coat with second atoms of said titanium-based matrix
14 material in said coat to form ceramic particles
15 comprising said first and second atoms embedded in
16 said coat; and
17 d) arranging and then consolidating said coated fibers in
18 a specified geometry to form thereof said product of
19 said composite material comprising said fibers and
20 said ceramic particles in a matrix comprising said
21 titanium-based matrix material.

1 23. (New) The method according to claim 22, wherein said fibers
2 are high tensile strength fibers.

1 24. (New) The method according to claim 22, wherein said fibers
2 are fibers containing a combination of elements selected
3 from the group consisting of Si, B, Al, C, O, and N.

1 25. (New) The method according to claim 22, wherein said fibers
2 are fibers of SiC.

1 26. (New) The method according to claim 22, wherein said
2 titanium-based matrix material is titanium or a
3 titanium-based alloy.

1 27. (New) The method according to claim 26, wherein said
2 reactive gas is nitrogen gas, said first atoms are nitrogen
3 atoms, said second atoms are titanium atoms, and said
4 ceramic particles are titanium nitride ceramic particles.

1 28. (New) The method according to claim 22, wherein said
2 reactive gas is nitrogen gas, said first atoms are nitrogen
3 atoms, and said ceramic particles are nitride-based ceramic
4 particles.

1 29. (New) The method according to claim 22, wherein said
2 ceramic particles have a particle size in a size range from
3 nanometers to microns.

1 30. (New) The method according to claim 29, wherein said size
2 range is below 5 μm .

1 31. (New) The method according to claim 29, further comprising
2 cooling said coat during said step c), and adjusting said
3 particle size by adjusting a cooling rate of said cooling
4 during said step c).

1 32. (New) The method according to claim 22, wherein said matrix
2 material deposition process comprises a physical vapor
3 deposition process.

1 **33.** (New) The method according to claim 22, wherein said
2 reacting of said step c) is carried out during said coating
3 of said step b).

1 **34.** (New) The method according to claim 22, wherein said
2 step c) further comprises performing a thermomechanical
3 treatment of said coated fibers after said step b), and
4 said reacting of said step c) is carried out during said
5 thermomechanical treatment after said step b).